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DOCKET NO. NG(ST)6445

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Applicant: Ian Robinson, et al.
Serial No.: 10/606,721
Filed: 26 June 2003
For: *Communication System and Methods for Improving Efficiency and Linearity*
Art Unit: 2661
Examiner: unknown

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

1. Pursuant to 37 C.F.R. 1.97 and 1.98, and in compliance with 37 C.F.R. 1.56, the Office's attention is directed to the patents, publications and other information listed on the attached PTO-1449. A copy of each listed foreign patent document and other publication is enclosed. No U.S. Patents nor any published U.S. Patent Applications are enclosed.

Regarding any document, publication or other information for which a date is not given on the attached PTO-1449, Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise.

2. Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):

(a) Copy of each English language version of a search report indicating the degree of relevance found by the foreign office of each document being submitted from the search report.

(b) Attachment entitled "Concise Explanation of Relevance of Non-English Language Documents".

3. Pursuant to 37 C.F.R. 1.97(b) this Statement is being filed (one must be checked):

(a) Within 3 months of the filing date or date of entry into the National Stage.

(b) Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 20-0090 for consideration of this Statement.

(c) After the period set forth in 37 C.F.R. 1.97(b) but before the mailing date of either a final action or a notice of allowance.

(1) The required certification is given below, or

(2) Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(p) for consideration of this Statement, or

(3) Charge the fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 20-0090.

(d) After the mailing date of either a final action or a notice of allowance, but before payment of the issue fee. Petition hereby is made for consideration of this Statement and the required certification is indicated below.

(1) Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(i)(1), or

(2) Charge the fee set forth in 37 C.F.R. 1.17(i)(1) to Deposit Account No. 20-0090.

4. Certification (if applicable)

(a) The undersigned hereby certifies that each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this Statement.

(b) The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the undersigned's knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than 3 months prior to the filing of this Statement.

5. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 20-0090.

Respectfully Submitted,

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<p>Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>DEC 03 2004</i> (Use as many sheets as necessary)</p>				Complete if Known	
Sheet	1	of	1	Application Number	10/606,721
				Filing Date	26 June 2003
				First Named Inventor	Ian Robinson
				Art Unit	2661
				Examiner Name	Unknown
				Attorney Docket Number	NG(ST)6445

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		European Search Report for EP 03 025 730.7 filed November 10, 2003; Report completed October 28, 2004 by Examiner M. Marselli	
		FARNESE D et al: "Pulse Superposition: A Technique for Peak-to-Average Power Ratio Reduction in OFDM Modulation"; ICC 2002. 2002 IEEE International Conference on Communications. Conference Proceedings. New York, NY April 28-May 2, 2002, IEEE International Conference on Communications, New York, NY: IEEE, US, vol. VOL. 3 of 5, 28 April 2002 (2002-04-28), pages 1682-1685, XP001046168 ISBN: 0-7803-7400-2 *abstract* *page 1682, left-hand column, lines 10-24* *page 1682, right-hand column, last paragraph-page 1683, right-hand column, line 2* *figures 1,2*	
		MUELLER S H et al.: "OFDM With Reduced Peak-to-Average Power Ratio by Multiple Signal Representation - Reduction Du Facteur De Crete en OFDM Par Representation Multiple Du Signal"; Annales Des Telecommunications-Annals of Telecommunications, Presses Polytechniques et Universitaires Romandes, Lausanne, CH, vol. 52, no. 1/2, February 1997 (1997-02), pages 58-67, XP000991143 ISSN: 0003-4347 *page 58, right-hand column, last paragraph-page 59, left-hand column, line 22* *page 62, left-hand column, line 1-page 63, right-hand column, line 16* *figures 3-5*	
		JAYALATH A D S et al: "Reduced Complexity PTS and New Phase Sequences for SLM to Reduce PAP of an OFDM Signal"; VTC 2000-Spring. 2000 IEEE 51st. Vehicular Technology Conference Proceedings. Tokyo, Japan, May 15-18, 2000, IEEE Vehicular Technology Conference, New York, NY: IEEE, US, vol. VOL. 3 of 3. Conf. 51, 15 May 2000 (2000--5-15), pages 1914-1917, XP000968337 ISBN: 0-7803-5719-1 *page 1915, left-hand column, line 8-page 1916, left-hand column, line 17* *figures 1, 2*	

Examiner Signature		Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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